(a) Scheme for Early Attraction of Talents for Science (SEATS) providing Science innovation scholarship of Rs. 5000 for a total of one million young learners of the age group 10—15 years once in their school career and mentorship through global science leaders including Nobel laureates and Indian leaders in science at a summer camp for the top 1% performers in the Class X examination every year for a period of five years; (b) Scholarships for Higher Education (SHE) for the age group of 17—22 years @ Rs. 1 lakh per year for continuing science education at B.Sc. and M.Sc. levels for 10,000 candidates; and (c) Assured Opportunity for Research Careers (AORC) for 1000 young researchers in the age group of 22—32 years for 5 years to pursue doctoral research in science backed by an assured research career opportunity scheme for another period of five years on completion of their Ph.D.

The rate of enrollment of students in Ph.D. programmes has increased during the last few years in various disciplines including Science & Technology. The INSPIRE Programme, as it offers Science as a career option by providing necessary opportunities to youth with aptitude for science and a desire to innovate, in addition to reasonable financial assistance, would help in producing more science students and Ph.Ds and help in increasing the stock of the scientific community necessary for meeting future challenges and also help in stopping exodus of scientists from Indian scientific institutions.

Encouragement to wind, solar and hybrid system

*143. SHRI HARISH RAWAT:
SHRI SANTOSH BAGRODIA:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government encourages proposals for wind, solar and hybrid systems for un electrified villages in the country;

(b) if so, the details thereof, State-wise; and

(c) how much funds have been released for such activities by Government to different States, during the last two years?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) Yes, Sir.

(b) The Government is encouraging promotion of renewable energy devices, including solar, wind and hybrid systems in the country, as a whole, including in un-electrified villages under various programmes. Under the remote Village Electrification Programme, Central Financial Assistance of up to 90% of the cost, subject to pre-specified maximum amount for each technology, is provided for projects for remote villages/hamlets, which are identified by the Rural Electrification Corporation for coverage through renewable energy sources. Such villages are provided basic facilities for lighting/electricity through various renewable energy sources, mostly solar energy. Under the Solar Photovoltaic Programme, various solar energy devices and systems/ such as, solar lanterns, solar home systems, solar street lighting systems, stand-along solar power plants and solar pumps are promoted in rural areas including un-electrified villages. The eligibility criteria and quantum of financial support are different for different devices. Under a separate programme namely, Small Wind Energy and Hybrid Systems, water pumping wind mills and wind-solar hybrid systems for generation of electricity in off-grid mode are promoted. The programme provides for Central Financial Assistance varying from 50% to 90% of the cost of the systems, limited to maximum

amounts for specified device/systems for different types of beneficiaries/institutions. State-wise information is given in Statement-I (*See* below).

(c) State-wise information on the funds released under the above programmes during the last two years, viz. 2005-06 and 2006-07 is given in Statement-II.

Statement-I

Central Financial Assistance for different types of beneficiaries/institutions for specified device systems

Sl. No.	State/UT	RVE Villages & hamlets Power	Solar Photovoltaic						SWES Water Pumping	SWES Wind Solar hybrid systems
			Solar Pumps	SPV SLS	HLS	SL	PP	wind-mill		
		Nos.	Kwp	Nos.		Nos.		(Kwp)	Nos.	Kw
1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	0	100	613	4044	1642	32982	20.16	06	16
2	Arunachal Pradesh	298	25	1	921	2330	9937	7.90	0	06
3	Assam	704	0	45	98	5420	541	9	03	0
4	Bihar	0	0	139	955	2771	44649	0.00	46	0
5	Chhattisgarh	381	0	61	535	4573	848	0.00	0	0
6	Goa	0	0	15	313	273	443	1.72	0	39.2
7	Gujarat	38	0	85	2004	5918	31603	29.90	715	10
8	Haryana	194	0	469	3091	22649	32727	224.20	0	0
9	Himachal Pradesh	22	0	6	2919	16848	20697	1.50	0	0
10	Jammu & Kashmir	140	0	39	389	18849	20963	175.60	0	0
11	Jharkhand	469	0	0	485	3933	0	0.00	0	0
12	Karnataka	20	0	456	2694	23174	7334	29.41	25	9.95
13	Kerala	558	25	810	815	8689	40681	44.70	79	0
14	Madhya Pradesh	199	100	87	6054	1307	8564	22.40	0	0
15	Maharashtra	271	0	228	4166	1381	8680	6.44	26	457.62
16	Manipur	191	0	40	490	3500	4787	11.00	0	0
17	Meghalaya	97	0	19	693	4740	24875	42.00	0	0
18	Mizoram	20	0	37	315	3045	5812	109.00	0	0
19	Nagaland	03	0	0	271	143	95	6.00	0	0
20	Orissa	215	0	8	5820	4234	7823	36.52	0	0
21	Punjab	0	325	1821	2937	4270	14495	71.00	0	0
22	Rajasthan	327	150	283	6554	50551	4716	25.80	222	04
23	Sikkim	13	0	0	162	1805	720	16.70	0	10
24	Tamil Nadu	152	50	829	2672	471	16086	30.05	56	24.5
25	Tripura	550	0	25	760	2800	17805	24.57	0	0
26	Uttar Pradesh	250	375	751	856	57138	52815	129.2	0	0

1	2	3	4	5	6	7	8	9	10	11
27	Uttraanchal	646	50	26	964	48265	56523	80.03	0	0
28	West Bengal	0	50	48	2111	37541	3662	675	0	18
29	A & N Island	0	100	5	358	405	6296	167.00	02	0
30	Chandigarh	0	0	12	0	275	1675	0.00	0	0
31	Delhi	0	0	89	301	0	4753	34.00	0	0
32	Lakshwadeep	0	750	0	0	0	0	85.00	0	0
33	Pondicherry	0	25	21	87	13	1637	0.00	0	05
34	Others	0	790	0	4410	24047	78561	58.00	0	0
	TOTAL	5758	2915	7068	59244	363000	563785	2179.80	1180	608.27

RVE: Remote Village Electrification, SWES: Small Wind Energy & Hybrid Systems, SLS: Solar Street Light; HLS: Home Lighting System; SL: Solar Lantern; PP: Stand alone Power Plant

Statement-II

State-wise Information on the funds released during the last two years viz. 2005-06 and 2006-07 under "Remote village Electrification", "Solar Photovoltaic" and "Small Wind Energy & Hybrid System" Programme

(Rs. in lakhs)

Sl. No.	States/UT	Remote Village Electrification		Solar Photovoltaic		Small Wind Energy & hybrid Systems	
		2005-06	2006-07	2005-06	2006-07	2005-06	2006-07
1	2	3	4	5	6	7	8
1	Andhra Pradesh	0.00	07.00	45.83	24.77	0.00	0.00
2	Arunachal Pradesh	293.00	156.28	30.81	280.60	0.00	0.00
3	Assam	32.00	346.58	50.00	0.00	0.00	0.00
4	Bihar	0.00	0.00	9.12	22.95	0.00	0.00
5	Chhattisgarh	275.50	363.00	0.00	36.50	0.00	0.00
6	Goa	0.50	0.00	0.00	13.25	20.48	25.79
7	Gujarat	45.00	0.00	0.67	175.38	32.20	39.00
8	Haryana	0.00	123.99	131.14	326.82	0.00	0.00
9	Himachal Pradesh	160.00	64.88	0.00	491.19	0.00	0.00
10	Jammu & Kashmir	2.50	0.00	0.00	210.33	0.00	0.00
1	Jharkhand	1197.00	312.00	5.91	0.00	0.00	0.00
12	Karnataka	49.00	0.00	316.35	272.23	2.17	0.00
13	Kerala	0.00	1.61	74.54	0.00	0.00	0.00
14	Madhya Pradesh	28.00	177.21	2.50	123.71	0.00	0.00
15	Maharashtra	285.00	810.86	97.60	239.90	217.93	122.54

1	2	3	4	5	6	7	8
16	Manipur	381.00	585.59	24.98	15.95	0.00	0.00
17	Meghalaya	0.00	135.72	154.76	424.78	0.00	0.00
18	Mizoram	0.00	0.00	106.87	100.90	0.00	0.00
19	Nagaland	0.00	17.34	6.98	94.90	0.00	0.00
20	Orissa	5.50	496.27	2.26	76.48	0.00	0.00
21	Punjab	0.00	0.00	11.80	62.90	0.00	0.00
22	Rajasthan	247.00	51.00	246.16	396.50	1.02	0.00
23	Sikkim	0.00	0.00	0.00	107.71	0.00	0.00
24	Tamil Nadu	0.00	0.00	72.00	242.88	1.90	0.00
25	Tripura	0.00	352.07	1.71	0.00	0.00	0.00
26	Uttar Pradesh	0.00	0.00	167.43	169.85	0.00	0.00
27	Uttarakhand	147.00	346.63	268.65	1238.16	0.00	0.00
28	West Bengal	953.00	1366.26	325.81	341.03	5.04	27.00
29	Pondicherry	0.00	0.00	5.09	2.00	0.00	0.00
30	Others	0.00	0.00	500.76	113.26	9.26	0.00
	TOTAL	4101.00	5714.29	2659.73	5642.38	290.00	214.33

Price quoted by BHEL for Sasan UMPP

*144. SHRI TAPAN KUMAR SEN:
SHRI MOHAMMED AMIN:

Will the Minister of POWER be pleased to refer to answer to parts (c) to (e) of Starred Question 29, given in the Rajya Sabha on the 13th August, 2007 and state:

(a) the exact price quoted by BHEL for power plant equipments; and

(b) the price quoted in NTPC bid for Sasan Ultra Mega Power Project (UMPP), based on the cost of the similar power equipments previously awarded through the process of competitive bidding for NTPC Ltd.?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) BHEL's price at the then-prevailing exchange rate for 5 x 800 MW (4000 MW) Sasan UMPP on Engineering Procurement & Construction (EPC) basis for undertaking design, engineering, supply, delivery to site, erection, testing and commissioning of power plant excluding Merry Go Round (MGR) system for coal handling was Rs. 16011 crores. The details relating to quotations in bids are normally in the nature of commercially sensitive information.

(b) The Levellised Tariff quoted by NTPC for Sasan UMPP for the contract period of 25 years was Rs. 2.126/Unit. The Levellised fixed cost/unit was Rs. 1.401/Unit and Leveliised variable cost was Rs. 0.725/Unit.

Financial assistance for working women's hostels

*145. SHRI VIJAY J. DARDA: Will the Minister of WOMEN AND CHILD DEVELOPMENT be pleased to state:

(a) what is the usual time-frame for sanctioning financial assistance under the scheme for construction of working women's hostels;